1st & final bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67401

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements & Construction of CC Roads at Ganesha Saw mill Road Cross Roads T. Dasarahalli Ward No. 15.						
	Estimate Cost:- RS 20.00 lakhs.						
	Job Code:- 015-18,-000003		P. code- 3261.				
	W.O No:- BBMP/EE/DD/WO/185/17-18, dt, 11-01-18.						
	A.A No:- EE/DD/AS/629/17-18, Dt 20-12-17.						
	T.S No:- EE/DD/TS/465/17-18, Dt 26-12-17						
	Agency:- KRIDL.						
	Recorded on:- 10/8/2018						

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Measurements Book No. ...

Contractor Signature.

Officer-in-charge of work.

Measurements were taken by me on 10/6/16 and found satisfactorily executed to site of the work and the contractor

EXECUTIVE ENGINEER-1
KRIDL, RCMP DIVISION

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:-1	Dismantling of Cement Concrete pavement by mechanical means using pneumatic tools, Breaking of pieces not exceeding 0.02 cum in volume & Stock materials Satisfactorily complete as per Specifications. qty brought from this mB page No:- 67490/1					qty => 152.30 cum.	152.29 126074-00 126083.00
	@ Rs 827.84/cum						
Item No:-2	Earthwork excavation by manual means in Ordinary Soil involving cum average horizontal throw upto 2 metre & an average lift upto 0.5 m. after breaking of clods Complete as per Specifications. qty brought from this mB page No:- 67491/1					190.37 cum	—
	@ Rs 86.99/cum					qty =>	16547.00/-

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ ಅವರಿಂದ ಅನುಮೋದನೆ
ಮತ್ತು ಆಡಳಿತಾತ್ಮಕ ಅಧಿಕಾರಿ
ಕಾವೇರಿ ನೀರಾವರಿ ನಿಗಮ
ಬೆಂಗಳೂರು

M. A. R. 57 (Rule 116) No. D

Measurement Book

67402

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:-3	Compaction of Original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression Hire of machinery complete as per Specifications. qty brought from this mB Page No:- 67492.					qty :- 761.47 Sqm	4036.00/-
	@ Rs 5.30/Sqm						
Item No:-4	providing, laying, spreading & compacting Graded Stone aggregate 40 mm nominal size macadam Specifications including premixing the material with vibratory roller to achieve the desired density						

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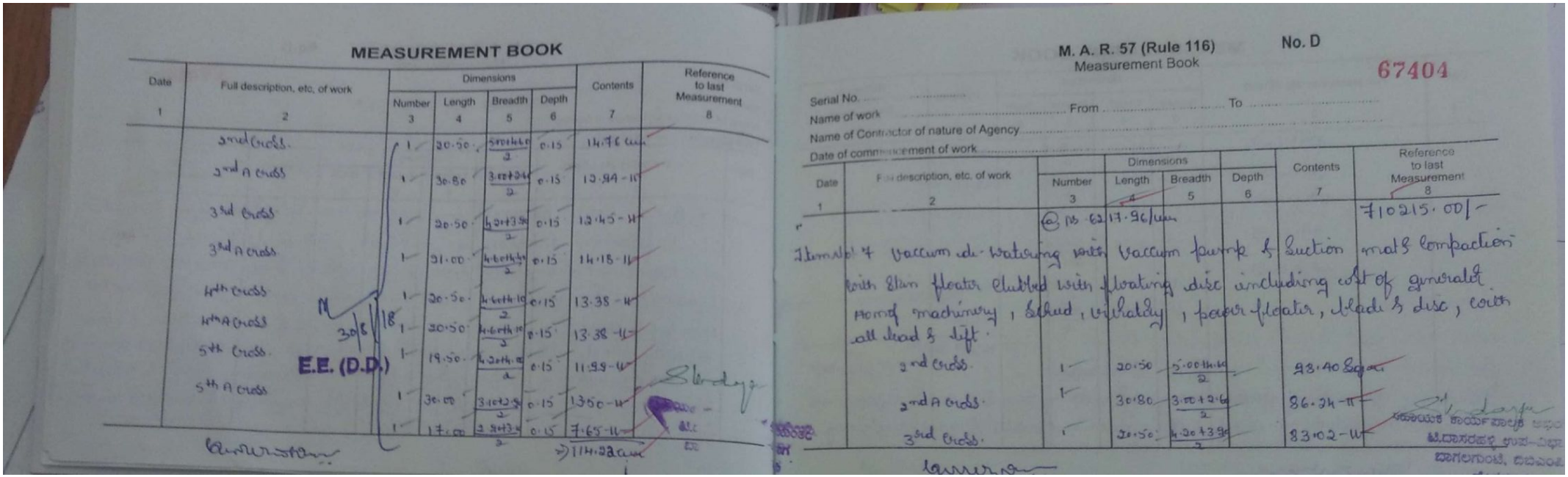

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Cross.	1	20.50	5.00+4.60 / 2	0.15	14.76 Cum	
	2nd A Cross	1	30.80	3.20+2.46 / 2	0.15	12.94 - M	
	3rd Cross	1	20.50	4.20+3.90 / 2	0.15	12.45 - M	
	3rd A Cross	1	31.00	4.60+4.40 / 2	0.15	14.18 - M	
	4th Cross	1	20.50	4.60+4.10 / 2	0.15	13.38 - M	
	4th A Cross	1	30.50	4.60+4.10 / 2	0.15	13.38 - M	
	5th Cross.	1	19.50	4.20+4.00 / 2	0.15	11.99 - M	
	5th A Cross	1	30.00	3.10+2.90 / 2	0.15	13.50 - M	
		1	17.00	3.20+3.00 / 2	0.15	7.65 - M	
						=> 114.22 Cum	

30/8/18

E.E. (D.D.)

M. A. R. 57 (Rule 116) No. D

Measurement Book

67404

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ Rs 62	17.96/Cum				710215.00/-
	Item No 4 Vacuum de-watering with vacuum pump & suction mats & compaction with 8ton floater clubbed with floating disc including cost of genarator, Hamp machinery, Schud, Vibrator, paver floater, Heads & disc, with all lead & lift.						
	2nd Cross.	1	20.50	5.00+4.40 / 2		93.40 Sqm	
	2nd A Cross.	1	30.80	3.20+2.60 / 2		86.24 - M	
	3rd Cross.	1	20.50	4.20+3.90 / 2		83.02 - M	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿ.ವಿ.ಸಾಗರ ಉಪ-ವಿಭಾಗ ದಾವಣಗೆರೆ.

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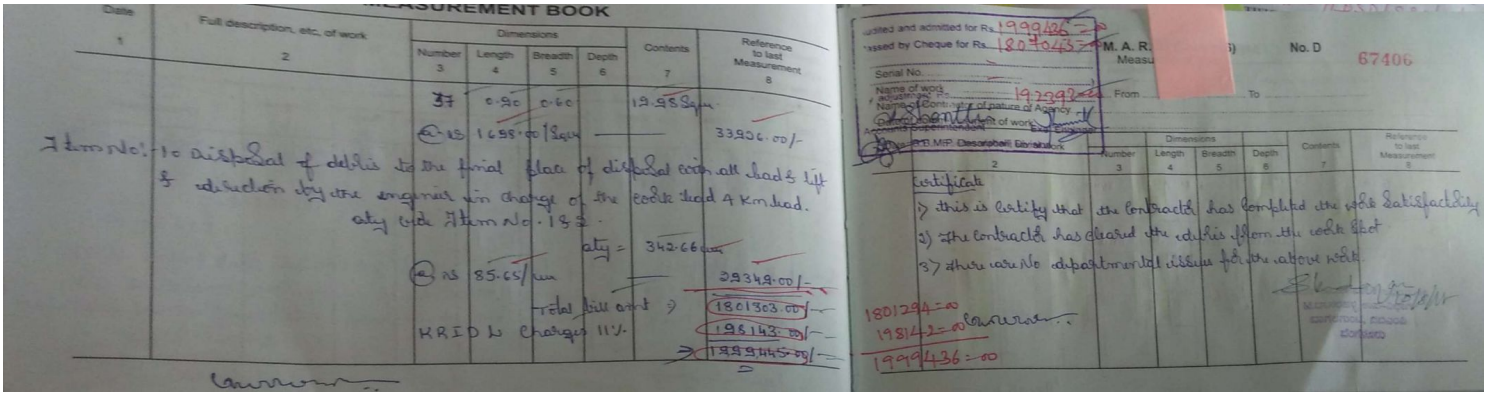

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
		37	0.90	0.60		19.98 Sqm	
		@ Rs	1698.00/Sqm				33936.00/-
	Item No:- 10 Disposal of debris to the final place of disposal with all lead & lift & direction by the engineer in charge of the work lead 4 Km lead. as per Item No. 182.				qty =	342.66 cum	
		@ Rs	85.65/cum				29349.00/-
					Total bill amt =		1801363.00/-
		KRIDL Charges 11%					198143.00/-
							1999436.00/-

carried over

Amount admitted for Rs. 1999436=00
Passed by Cheque for Rs. 1807043=00

M. A. R. Measu... No. D 67406

Serial No.
Name of work
Agreement No.
Name of Contractor nature of Agency
Date of start of work
Date of completion
Executive Engineer
PWD, MIP, Dasarahalli Division, Bangalore

From To

Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7

Certificate

1) this is Certify that the Contractor has completed the work Satisfactorily
2) the Contractor has cleared the debris from the work Spot
3) there are No deductions total dissues for the above work

1801294=00
198142=00
1999436=00

carried over

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

10/8/18

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M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67430

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pre measurements						
	Name of work:- Improvements & Construction of CC Roads at Kamatha Saw mill Roads Cross Roads T. Dasarahalli Ward No-15.						
	Estimate Cost:- RS 20.00 lakhs						
	Agency:- KRIDL.						
	Item No:1 Dismantling of Cement Concrete pavement by mechanical means using pneumatic tools, Breaking of pieces not exceeding 0.03 cum in volume & Stock materials Separately complete as per Specifications.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Cross.	1	20.50	$\frac{5.00+4.40}{2}$	0.20	19.68 cum	
	2nd A Cross.	1	30.80	$\frac{3.00+2.60}{2}$	0.20	17.25-11	
	3rd Cross.	1	20.50	$\frac{4.20+3.90}{2}$	0.20	16.61-11	
	3rd A Cross.	1	21.00	$\frac{4.60+4.40}{2}$	0.20	18.90-11	
	4th Cross,	1	20.50	$\frac{4.60+4.10}{2}$	0.20	17.835-11	
	4th A Cross.	1	20.50	$\frac{4.60+4.10}{2}$	0.20	17.835-11	
	5th Cross.	1	19.50	$\frac{4.20+4.00}{2}$	0.20	15.99-11	
	5th A Cross	1	30.00	$\frac{3.10+2.90}{2}$	0.20	18.00	
		1	17.00	$\frac{3.60+3.10}{2}$	0.20	10.20-11	
						152.30 Cum	

Name of Contractor and Full Address: : Technical Manger (West)

...tion of CC roads at Ganesha Saw mill r...

Implementation unit No 280 50th C...

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67491

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 1-	2 Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw upto 2mts & an average lift upto 0.5m excavated Surface levelled Shaping of slopes complete as per Specifications						
	2nd Cross.	1	20.50	$\frac{5.00+4.60}{2}$	0.25	24.60 cum	
	2nd A Cross	1	30.80	$\frac{3.00+2.60}{2}$	0.25	21.56-11	
	3rd Cross	1	20.50	$\frac{4.20+3.90}{2}$	0.25	20.76-11	
	3rd A Cross.	1	21.00	$\frac{4.60+4.40}{2}$	0.25	23.63-11	
	4th Cross	1	20.50	$\frac{4.60+4.10}{2}$	0.25	22.29-11	
	4th A Cross	1	20.50	$\frac{4.60+4.10}{2}$	0.25	22.29-11	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No. 4	providing, laying, Spreading & Compacting Graded Stone aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant with vibratory roller to achieve the desired density Complete as per Specifications						
	2nd Cross.	1	20.50	$\frac{5.00+4.10}{2}$	0.15	14.76 cum	
	2nd A Cross	1	30.80	$\frac{3.00+2.60}{2}$	0.15	12.94-11	
	3rd Cross.	1	20.50	$\frac{4.20+3.80}{2}$	0.15	12.45-11	
	3rd A Cross	1	21.00	$\frac{4.60+4.40}{2}$	0.15	14.18-11	
	4th Cross	1	20.50	$\frac{4.60+4.10}{2}$	0.15	13.376-11	
	4th A Cross.	1	20.50	$\frac{4.60+4.10}{2}$	0.15	13.376-11	
	5th Cross	1	19.50	$\frac{4.20+4.10}{2}$	0.15	11.99-11	

M. A. R. 57 (Rule 116) No. D 67493
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th A Cross.	1	30.00	$\frac{3.15+2.90}{2}$	0.15	13.50-11	
		1	17.00	$\frac{3.90+3.10}{2}$	0.15	7.65-11	
						⇒ 114.32 cum	
Item No. 5	providing & laying in position plain cement concrete of mix 1:4:8 with OPC Cement @ 180 kgs with 40 mm & down size graded granite metal coarse aggregate @ 0.8 cum & fine aggregate @ 0.5 of cum Hand mach Curing Complete as per Specifications						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CRF Sketch 20/7/18	1	20.50	$\frac{5.00+4.60}{2}$	0.15	14.76 Cum	
		1	30.80	$\frac{3.00+2.60}{2}$	0.15	12.54 - 11	
		1	20.50	$\frac{4.20+3.90}{2}$	0.15	12.45 - 11	
		1	21.00	$\frac{4.60+4.40}{2}$	0.15	14.18 - 11	
		1	20.50	$\frac{4.60+4.10}{2}$	0.15	13.376 - 11	
		1	20.50	$\frac{4.60+4.10}{2}$	0.15	13.376 - 11	
		1	19.50	$\frac{4.20+4.00}{2}$	0.15	11.99 - 11	
		1	30.00	$\frac{3.10+2.90}{2}$	0.15	13.50 - 11	
		1	17.00	$\frac{2.90+3.10}{2}$	0.15	7.65 - 11	
					⇒	114.22 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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